

20070914.ba v04_n091.bam.20070914

>From ???@??? Fri Sep 14 10:34:19 2007 -0500
Date: Fri, 14 Sep 2007 10:33:06 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 4091
Message-Id: <20070914153307.61EAC3192D5@srvr1.theporch.com>

BOATANCHORS Digest 4091

Topics covered in this issue include:

- 1) Re: Mold, ugh!
by wb3fau@att.net
- 2) Re: CRV-20130 power supply manual for RBA,RBC & RBB Rx's
by Roy Morgan <roy.morgan@nist.gov>
- 3) Two RF amp radios
by Jsehring <jsehring@siouxvalley.net>
- 4) Re: [Milsurplus] ARC-5 Mobile
by "JAMES HANLON" <knjhanlon@msn.com>
- 5) Re: Mold, ugh!
by spr@earthlink.net
- 6) Re: Two RF amp radios
by spr@earthlink.net
- 7) Re: Two RF amp radios
by "Arden Allen" <gumbear@pacbell.net>
- 8) Re: Two RF amp radios
by spr@earthlink.net
- 9) RE: Two RF amp radios
by "Nick England" <nick@3rdtech.com>
- 10) Re: [Milsurplus] ARC-5 Mobile
by "JAMES HANLON" <knjhanlon@msn.com>
- 11) Re: Two RF amp radios
by "Sandy" <ebjr37@charter.net>
- 12) Re: Two RF amp radios
by Al Klase <al@ar88.net>
- 13) Re: Two RF amp radios
by WA5CAB@cs.com
- 14) Re: Two RF amp radios
by "Morris Odell" <vilgotch@bigpond.net.au>
- 15) Re two rf amp radios
by "PHIL" <signetics@netzero.com>
- 16) RE two rf amp radios
by "PHIL" <signetics@netzero.com>
- 17) Re: Two RF amp radios
by "Marty Reynolds' debris field" <polepeeg@aa4rm.ba-watch.org>
- 18) Re: [Milsurplus] ARC-5 Mobile

by "Marty Reynolds' debris field" <polepeeg@aa4rm.ba-watch.org>
19) Thinning Out Collection
by AA5QT@aol.com
20) Re: Thinning Out Collection
by bern <bern@ppd.nrl.navy.mil>

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Paul Beckwith <beckrep@citlink.net>
Subject: Re: Mold, ugh!
Date: Thu, 13 Sep 2007 14:54:59 +0000
Message-Id:
<091320071454.28884.46E94F4300062758000070D421603762239A0E00CC0D99@att.net>

When some of this stuff is stored in bad places, the creatures take over.
Throw it in the dumpster! Worst case i ever had was cats used a GE floor
console as their litter box!
Try to get cat piss odor out of wood! No way!

Message-Id: <6.0.0.22.2.20070913105732.02ecd890@mailserver.nist.gov>
Date: Thu, 13 Sep 2007 11:07:15 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Roy Morgan <roy.morgan@nist.gov>
Subject: Re: CRV-20130 power supply manual for RBA,RBC & RBB Rx's
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:00 AM 9/13/2007, you wrote:
>Subject: CRV-20130 power supply manual for RBA,RBC & RBB Rx's
...
>Does anyone have a manual on a CRV-20130 power supply that goes with the
>RB* series of receivers?

Tom,

I have a DJVU file that I assume came from BAMA: Under Military Test
(Miltest on the mirror site), RBA, link:
<ftp://bama.sbc.edu/downloads/miltest/rba/> the file you want is RBA.DJV

The file is about 2 mb in size. I have it and can email it to you if you like.

(I assume that the power supply is the same for the RBB and RBC. At BAMA
only the panadapter kit is shown under this directory.)

PS: I need a power transformer for my RBx supply. If you find any, keep me

in mind.

Roy

- Roy Morgan, K1LKY since 1959 - Keep 'em Glowing
13033 Downey Mill Road, Lovettsville, VA 20180
Phone 540-822-5911 Cell 301-928-7794
Work: Voice: 301-975-3254, Fax: 301-975-6097
roy.morgan@nist.gov --

Subject: Two RF amp radios
Date: Thu, 13 Sep 2007 10:11:19 -0600
From: Jsehring <jsehring@siouxvalley.net>
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Message-Id: <20070913161115.10B9545A6F2@filter1.e-filtering.net>

Tnx for all the interesting feedback on the AR-88=2E Nothing like first ha=nd test drive impressions=2E I'm glad to hear it has a crunch-proof front =end=2E

Sounds like the -88 was the pinnacle of single conversion, tunable 1st conv=ersion radios=2E Altho I have no personal experience with the Collins 51J =line, that sounds like the next step, altho with xtal controlled 1st conver=sion setup a la Collins=2E In my mind, the final step in tubed genl covera=ge radios must be the R-390 (& variants), altho once again I have no person=al drive time with it=2E

Along the way, I've not been that impressed with SP-600, SX-88, etc=2E

I wonder about the tube line up in the -88=2E 1st & 2nd RF amps =3D 6SG7 (=common use of these), but then 1st, 2nd & 3rd IF amps *also* 6SG7=2E Is it=really the optimum tube for the IF's, too? Or might it have been an attem=pt to reduce the number of different spares for the radio? They were after=all mostly destined for Great Britain in WWII=2E Were the 6SG7's more exp=ensive than the usual IF tubes?=2E=2E=2Eof course the -88 seems to have bee=n an almost "cost no object" design=2E Using just casual recall, I can't t=hink of any serious radio the used the same tubes for both RF amp(s) and IF=amp(s)=2E

I've located what seems to be a MIL-spec version of an AR-88 (the model tha=t doesn't have LF coverage), maybe for the Navy=2E=2E=2EI haven't seen it y=

et=2E BTW, I sure prefer to have the whole MW band available and, more imp=ortantly, a 455 kHz IF, not the 735 kHz IF of the LF-coverage model=2E Tha=t higher IF freq=2E means less-good selectivity although the image rejectio=n would be better=2E

--John WB0EQ/VE6

Message-ID: <BAY110-DAV10CD274163E7D78B8BC73EA0C30@phx.gbl>
From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [Milsurplus] ARC-5 Mobile
Date: Thu, 13 Sep 2007 12:11:52 -0600
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_000_0088_01C7F5FF.44BA3CB0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0088_01C7F5FF.44BA3CB0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

It just occurred to me that back in the good old days some guys used a =second battery and some relay switching to be able to run 24 volt gear =from a 12 volt powered car system. The second battery normally ran in =parallel with the main battery, but when the dynamotor was turned on it =was switched to be in series with the main battery thus yielding 24 =volts for the dyno and the 24 volt filaments. =20

Jim, W8KGI
-----=_NextPart_000_0088_01C7F5FF.44BA3CB0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0088_01C7F5FF.44BA3CB0--

Message-ID: <14383593.1189707426912.JavaMail.root@elwamui-milano.atl.sa.earthlink.net>
Date: Thu, 13 Sep 2007 11:17:06 -0700 (GMT-07:00)
From: spr@earthlink.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Mold, ugh!
Mime-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit

Hi Paul,

Actually, there is a way. First, rinse the wood surface as well as you can, and use some sodium bicarbonate solution on it, too, further rinsing it afterwards. Then let it dry for a week or so, and coat the surface with varathane or some other oil base varnish. That will seal the remaining fumes in place. If the wood is the bottom of the cabinet, do both sides of it.

Regards,

Scott

-----Original Message-----

>From: wb3fau@att.net
>Sent: Sep 13, 2007 7:54 AM
>To: Old Tube Radios <boatanchors@theporch.com>
>Cc: Paul Beckwith <beckrep@citlink.net>
>Subject: Re: Mold, ugh!
>
>When some of this stuff is stored in bad places, the creatures take over. Throw it in the dumpster! Worst case i ever had was cats used a GE floor console as their litter box!
>Try to get cat piss odor out of wood! No way!
>

Message-ID: <2078195.1189707756018.JavaMail.root@elwamui-milano.atl.sa.earthlink.net>
Date: Thu, 13 Sep 2007 11:22:35 -0700 (GMT-07:00)
From: spr@earthlink.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Two RF amp radios
Mime-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit

Folks,

One crunch comment on bare converter radios with 455 KHZ IFs. Now, you might think that, since selectivity is applied very soon after the first grid that that would be the end of the matter, but no-o-o-o-...

I live a mile or two from several FM stations, and on these radios you get LO harmonics picking up the FM. The clue is that you tune past these signals way faster than you do past real signals. The problem is mostly noticeable above 10 MHz.

The cure is simple. I bought a Drake TIV filter, designed for small transmitters (<100W) and put it in the receiving antenna path. Problem gone.

Regards,

Scott

Message-ID: <002501c7f637\$fd9eb7a0\$1f9f480c@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Two RF amp radios
Date: Thu, 13 Sep 2007 11:57:46 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="UTF-8"
Content-Transfer-Encoding: 7bit

> The cure is simple. I bought a Drake TIV filter, designed for small transmitters (<100W) and put it in the receiving antenna path. Problem gone.

What you are dealing with is usually referred to as spurious response problems. Adding a TVI filter is in effect improving what little antenna input bandpass filtering the radio had. What hasn't been mentioned up to now is supressing local oscillator radiation, particularly important for military receivers. That also helps to reduce spurious response problems. Bare mixers will produce substantial LO radiation from the antenna terminals. That's one reason high quality mixer first radios use balanced mixers to cancel the LO at the RF input (as much as possible). It may be the SP-600 and similar two RF amp designs were intended to reduce LO radiation from the antenna terminals. EH Scott receivers went to extreme efforts to suppress LO radiation by enclosing their single RF amp in a shielded subchassis and Faraday shielding in the antenna windings.

Arden Allen
KB6NAX

Message-ID: <19055689.1189710987619.JavaMail.root@elwamui-milano.atl.sa.earthlink.net>
Date: Thu, 13 Sep 2007 12:16:26 -0700 (GMT-07:00)
From: spr@earthlink.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Two RF amp radios
Mime-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 7bit

Hi Arden,

The National-built RAO-3 and -4 at least have an additional 6K7 in a shielded box at the back for just this purpose, too.

Regards,

Scott

It may be
>the SP-600 and similar two RF amp designs were intended to reduce L0
>radiation from the antenna terminals. EH Scott receivers went to extreme
>efforts to suppress L0 radiation by enclosing their single RF amp in a
>shielded subchassis and Faraday shielding in the antenna windings.
>
>Arden Allen
>KB6NAX
>

Date: Thu, 13 Sep 2007 15:25:19 -0400
From: "Nick England" <nick@3rdtech.com>
Subject: RE: Two RF amp radios
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <007401c7f63b\$d2bb44a0\$2f0212ac@Heathkit2>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

So what about 3 RF amp radios??

National's AN/FRR-24 and AN/FRR-37 receivers were designed around 1950 for Navy shore station receiving sites - is there something about rhombics/beveridges that would make 3 stages desirable? Or ????

6BA6 + 9003 + 9003 RF amp stages

6BE6 1st mixer (1750 kc IF out)

then 5 more 9003's in the 1st IF chain and another 6BE6 2nd mixer
(60kc out)

then 7-9 more tubes in the 2nd IF chain

See <http://www.virhistory.com/ham/frr24.htm>

cheers,
Nick KD4CPL

Message-ID: <BAY110-DAV3F3384CE0CE6821940BC3A0C30@phx.gbl>
From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [Milsurplus] ARC-5 Mobile
Date: Thu, 13 Sep 2007 17:21:48 -0600
MIME-Version: 1.0
Content-Type: text/plain;
 charset="UTF-8"
Content-Transfer-Encoding: 7bit

Certainly, and thanks, tony, for pointing out that I was sending HTML. I've changed to plain text.

What I suggested was using a second, 12 volt battery. When not running the 24 volt Command Set gear, switch the battery in parallel with the main car battery so that it will charge. When running the 24 volt gear, switch the battery in series with the car battery and use the two for a 24 volt source. The switching could be accomplished with relays.

Jim, W8KGI

----- Original Message -----
From: <wsno19@mindspring.com>
To: <knjhanlon@msn.com>
Sent: Thursday, September 13, 2007 3:50 PM
Subject: Re: [Milsurplus] ARC-5 Mobile

> James...having difficulty reading what you are sending. Can you change
> format Sir? Tony W4SOE
>
> -----Original Message-----
> >From: JAMES HANLON <knjhanlon@msn.com>
> >Sent: Sep 13, 2007 2:11 PM
> >To: Old Tube Radios <boatanchors@theporch.com>
> >Subject: Re: [Milsurplus] ARC-5 Mobile
> >

> >* * * * *
> >* ---REMAINDER OF MESSAGE TRUNCATED--- *
> >* This post contains a forbidden message format *
> >* (such as an attached file, a v-card, HTML formatting) *
> >* Mail Lists at theporch.com only accept PLAIN TEXT *
> >* If your postings display this message your mail program *
> >* is not set to send PLAIN TEXT ONLY and needs adjusting *
> >* * * * *
>
>
>
>

Message-ID: <015601c7f665\$022b4b30\$74eb0c47@gateway>
From: "Sandy" <ebjr37@charter.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Two RF amp radios
Date: Thu, 13 Sep 2007 19:20:04 -0500
MIME-Version: 1.0
Content-Type: text/plain;
format=flowed;
charset="iso-8859-1";
reply-type=original
Content-Transfer-Encoding: 7bit

I don't know anything about the "mil" version of the AR-88. The 6SG7's were VERY common and you can sub tubes like the 6SK7 and others. The only improvement I could thi8nk of tube wise would be to sub a 6SB7Y for the 6SA7 mixer.

73,

Sandy W5TVW
----- Original Message -----
From: "Jsehring" <jsehring@siouxvalley.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Thursday, September 13, 2007 11:11 AM
Subject: Two RF amp radios

Tnx for all the interesting feedback on the AR-88. Nothing like first hand test drive impressions. I'm glad to hear it has a crunch-proof front end.

Sounds like the -88 was the pinnacle of single conversion, tunable 1st conversion radios. Altho I have no personal experience with the Collins 51J line, that sounds like the next step, altho with xtal controlled 1st conversion setup a la Collins. In my mind, the final step in tubed gen1

coverage radios must be the R-390 (& variants), altho once again I have no personal drive time with it.

Along the way, I've not been that impressed with SP-600, SX-88, etc.

I wonder about the tube line up in the -88. 1st & 2nd RF amps = 6SG7 (common use of these), but then 1st, 2nd & 3rd IF amps *also* 6SG7. Is it really the optimum tube for the IF's, too? Or might it have been an attempt to reduce the number of different spares for the radio? They were after all mostly destined for Great Britain in WWII. Were the 6SG7's more expensive than the usual IF tubes?...of course the -88 seems to have been an almost "cost no object" design. Using just casual recall, I can't think of any serious radio the used the same tubes for both RF amp(s) and IF amp(s).

I've located what seems to be a MIL-spec version of an AR-88 (the model that doesn't have LF coverage), maybe for the Navy...I haven't seen it yet. BTW, I sure prefer to have the whole MW band available and, more importantly, a 455 kHz IF, not the 735 kHz IF of the LF-coverage model. That higher IF freq. means less-good selectivity although the image rejection would be better.

--John WB0EQ/VE6

--

No virus found in this incoming message.

Checked by AVG Free Edition.

Version: 7.5.487 / Virus Database: 269.13.18/1007 - Release Date: 9/13/2007 9:48 PM

Message-ID: <46E9EFAE.9020103@ar88.net>
Date: Thu, 13 Sep 2007 22:19:26 -0400
From: Al Klase <al@ar88.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Two RF amp radios
Content-Type: multipart/mixed;
boundary="-----050301090106010006040400"

This is a multi-part message in MIME format.

-----050301090106010006040400

Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

The 6SG7's have about twice the transconductance of the 6SK7 which makes

them essentially equivalent to the miniature type 6BA6. They were the most up-to-date remote-cutoff pentode at that time. 6SK7 will work, but you'll be giving up some performance, especially in the front end. I might have to give the 6SB7 a shot, but I'm not sure I could tell the difference unless I lug the monster to the shop.

73,
Al

Sandy wrote:

> I don't know anything about the "mil" version of the AR-88. The
> 6SG7's were VERY common and you can sub tubes like the 6SK7 and
> others. The only improvement I could thi8nk of tube wise would be to
> sub a 6SB7Y for the 6SA7 mixer.

>
> 73,
>

--
Al Klase - N3FRQ
Flemington, NJ
<http://www.skywaves.ar88.net/>

-----050301090106010006040400
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----050301090106010006040400--

From: WA5CAB@cs.com
Message-ID: <d08.1b1d15c4.341b5ba0@cs.com>
Date: Thu, 13 Sep 2007 23:36:00 EDT
Subject: Re: Two RF amp radios
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;

boundary="part1_d08.1b1d15c4.341b5ba0_boundary"

--part1_d08.1b1d15c4.341b5ba0_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The 6BA6 a 7-pin miniature version of the 6SG7. If I recall correctly, some tube manuals shortly after the 6BA6 first came out gave the basing and some other information but referred you to the 6SG7 entry for more info.

Also, this morning there was a post questioning whether any other sets used 6SG7's in the IF's. I had to attend a funeral and didn't have time to answer then.

They are FM sets of course, but both the BC-603 and BC-683 use 12SG7's for IF's. And the R-105/ARR-15 (and R-105A) not only uses 12SG7's as RF and IF but also as mixer and HF Oscillator Multiplier. There may well be others but those are ones I was fairly sure of off the top of my head (but checked the TM's or AN to be sure).

In a message dated 9/13/2007 9:19:34 PM Central Daylight Time, al@ar88.net writes:

> The 6SG7's have about twice the transconductance of the 6SK7 which makes
> them essentially equivalent to the miniature type 6BA6. They were the
> most up-to-date remote-cutoff pentode at that time. 6SK7 will work, but
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> difference unless I lug the monster to the shop.

>

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> Al

>

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> >others. The only improvement I could thi8nk of tube wise would be to
> >sub a 6SB7Y for the 6SA7 mixer.

Robert & Susan Downs - Houston
<<http://www.wa5cab.com>> (Web Store)
MVPA 9480
<wa5cab@cs.com> (Primary email)
<wa5cab@comcast.net> (Backup email)

--part1_d08.1b1d15c4.341b5ba0_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
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*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_d08.1b1d15c4.341b5ba0_boundary--

Message-ID: <002b01c7f6a2\$03e3e3f0\$ad00a8c0@Morris1>
From: "Morris Odell" <vilgotch@bigpond.net.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Two RF amp radios
Date: Fri, 14 Sep 2007 17:36:51 +1000
MIME-Version: 1.0
Content-Type: text/plain;
 format=flowed;
 charset="iso-8859-1";
 reply-type=original
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Jsehring" <jsehring@siouxvalley.net>

> Using just casual recall, I can't think of any serious radio the used the
> same tubes for both RF amp(s) and IF amp(s).

The HRO did this, but it was a very early design and probably did more than any other radio to popularize the 2RF 2IF single conversion receiver that became the standard for a long time.

In those early days designers didn't have the luxury of a choice of tubes for different applications. When the HRO was designed in the 1930s there were only a couple of commonly available generic pentodes with variations differing only in their bases and heater ratings. By the time radios like the AR88 and SX29 were being deveoped vacuum tube technology had advanced quite a bit and so the designers had the luxury of suiting the tube to the application much more precisely. I don't know if there were any pentagrids around in the mid 1930s but they certainly did the right thing in avoiding

one for the mixer in the HRO.

I have always believed the reason for 2RF designs was to improve image rejection with the low IF frequencies of the time.

BTW my HRO rebuild is coming along very nicely. I really want to send a big thankyou to all the wonderful guys on this list who helped me with info, pics and even a copy of the Sams photofact for the HRO-50. The radio is alive and quite sensitive - I'm quite impressed with the performance of this 70 year old veteran although of course it lacks a product detector and a few other features we have all got used to. I'm really happy to have it. I'll post some pics on a picture sharing site in due course.

73 de Morris VK3DOC

Message-ID: <002101c7f6cd\$2a1694c0\$8b7ef904@default>
From: "PHIL" <signetics@netzero.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re two rf amp radios
Date: Fri, 14 Sep 2007 08:45:37 -0400
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My guess would be the reason two rf amp radios went into decline was the cost factor.

The front end coils must be adjusted by hand, a labor intensive operation hence expensive when labor costs were going up.

Also switches are a cost driver.

Look at the schematics of the S-40 costing \$80 and the NC-57 costing \$100. The NC57 uses a separate coil for each band, while the S-40 combines coils. Reduces cost but also reduces performance.

Phil

Message-ID: <003601c7f6ce\$e0a5b300\$8b7ef904@default>
From: "PHIL" <signetics@netzero.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE two rf amp radios
Date: Fri, 14 Sep 2007 08:57:58 -0400
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Re using the 6SG7 for both RF and If, look at the NC-57

Re using a 6SB7 in a 6SA7 socket.

I wouldn't.

The 6SB7 is a higher gain and lower noise tube as stated earlier, but you have to adjust cathode feed back for proper osc excitation.

The 6SB7 osc section has a transconductance of 8000 um while the 6SA7 osc section has a transconductance of 4500 um.
Phil

Message-ID: <51502.142.177.108.140.1189775194.squirrel@fracas.netboobie.org>
Date: Fri, 14 Sep 2007 09:06:34 -0400 (EDT)
Subject: Re: Two RF amp radios
From: "Marty Reynolds' debris field" <polepeeg@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

This is a double dipper

UNO

>> The cure is simple. I bought a Drake TIV filter, designed for small
> transmitters (<100W) and put it in the receiving antenna path. Problem
> gone.
>
Scott u must mean a xmt LP filter (<30mhz gets thru)

DOS

> EH Scott receivers went to extreme
> efforts to suppress LO radiation by enclosing their single RF amp in a
> shielded subchassis and Faraday shielding in the antenna windings.
>

Many believe Scott lo radiation rxen a huge sales job on USN. Sure regens like pre-cambrian IPF501 detectable, but DL-sub survivors sed they never tried nor heard rx LOs while on patrol

from the loyal oposition

Message-ID: <51505.142.177.108.140.1189775534.squirrel@fracas.netboobie.org>
Date: Fri, 14 Sep 2007 09:12:14 -0400 (EDT)
Subject: Re: [Milsurplus] ARC-5 Mobile
From: "Marty Reynolds' debris field" <polepeeg@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
MIME-Version: 1.0
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> Certainly, and thanks, tony, for pointing out that I was sending HTML.
> I've
> changed to plain text.
>
> What I suggested was using a second, 12 volt battery. When not running
> the
> 24 volt Command Set gear, switch the battery in parallel with the main car
> battery so that it will charge. When running the 24 volt gear, switch the
> battery in series with the car battery and use the two for a 24 volt
> source.
> The switching could be accomplished with relays.
>
> Jim, W8KGI

eni-1 remember my 'modern way' of using an always-seriesed xtra 12V
job serviced by home battery charger run by a 12V->115ac inverter in
car's ign-sw-run 'power socket'

PS I still dream of relays & my analyst has been no help

signed

P Brumfeld

From: AA5QT@aol.com
Message-ID: <d57.8adc3ca.341bea9f@aol.com>
Date: Fri, 14 Sep 2007 09:46:07 EDT
Subject: Thinning Out Collection
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----1189777567"

-----1189777567
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I have decided to thin out my BA collection. This is not a Fire Sale - I'm not in any great hurry, but would like to free up the space. If you've seen my shack, you know all of my stuff is in very nice shape. I have manuals for everything, and most are original. You are welcome to turn each piece on and use it.

I'm really not interested in ebay, as I have neither the time nor inclination to pack and ship each piece. And this stuff is far above what you'll see at hamfests these days, condition-wise. I'd like to see the gear go to a nice home, where it will be used.

If you're interested, please let me know and I'll send you the list/spreadsheet.

I'm only interested in a package deal. If you're interested, quote me a price for the whole lot. Or come out and look at it. And the buyer must pick it up (I live about 85 miles SW of the DFW Metroplex).

73,
Gary Youney K5QT
Bluff Dale, TX
254-728-3207

***** See what's new at <http://www.aol.com>

-----1189777567
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
* (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----1189777567--

Date: Fri, 14 Sep 2007 11:23:45 -0400 (EDT)
From: bern <bern@ppd.nrl.navy.mil>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com, baswaplist@foothill.net
Subject: Re: Thinning Out Collection
Message-ID: <Pine.LNX.4.58.0709141123220.741@ppdhuba.nrl.navy.mil>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gary,

Please send me the list.

Paul Bernhardt, KF4FOR

On Fri, 14 Sep 2007 AA5QT@aol.com wrote:

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>
>
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>

End of BOATANCHORS Digest 4091
